

**CLAIMS**

1. An extensible nonwoven fabric that comprises a fiber comprising at least two olefin-based polymers, said at 5 least two olefin-based polymers being of the same kind and having different induction periods of strain-induced crystallization as measured at the same temperature and the same shear strain rate.

10 2. The extensible nonwoven fabric according to claim 1, wherein the fiber is a conjugate fiber having a cross section in which a component in point (a) and a component in point (b) which is symmetric about the center point are the same.

15 3. The extensible nonwoven fabric according to claim 1 or 2, which is a spunbonded nonwoven fabric.

4. The extensible nonwoven fabric according to any one of claims 1 to 3, which has an extensibility at a maximum 20 load of not less than 70% in the machine direction (MD) and/or in the cross machine direction (CD).

5. The extensible nonwoven fabric according to any one of claims 1 to 4, wherein the olefin-based polymer is a

propylene-based polymer.

6. A composite nonwoven fabric comprising at least one layer comprising the extensible nonwoven fabric as described in any one of claims 1 to 5.

7. A disposable diaper comprising the extensible nonwoven fabric as described in any one of claims 1 to 5.